

# METHOD AND APPARATUS FOR IMPROVED SEEK PERFORMANCE AND STABILITY IN A HEADER-INCLUDED LAND/GROOVE OPTICAL DISC

## Abstract

An optical disc drive utilized for transferring data to and/or from a header-included land/groove optical disc includes a motor, a spindle, a focusing lens, a laser, a pickup head, a memory, and a control circuit. A header position signal is utilized as a mask to eliminate false track readings produced by passing headers in a track count signal, improving track count and allowing more precise control over the accelerative and braking radial forces applied to the pickup head during a jump. Additionally, the memory includes computer code to delay initiating and/or ending a jump when passing headers may interfere with normal seek operations and may prevent some jumps in the immediate vicinity of an upcoming G/L Switch Line.